

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1317	port near3 span\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:31
S2	18	S1 same (sound\$4 or acoustic\$4 or audible or noise or speaker or transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 09:48
S3	115	speaker near3 strap	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:38
S5	1	(10/225071).APP.	USPAT; USOCR	OR	ON	2007/07/18 09:58
S6	9	("3835673" "4943885" "5159344" "5401944" "5528450" "5841622" "6147602" "6246320" "6766039").PN. OR ("6933851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 09:58
S7	6	("3976162").PN. OR ("4156117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:12
S8	14	("1208945" "1613440" "2571514" "2676207" "3631994" "3869722" "3879758" "3943564").PN. OR ("4081850").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 10:13
S9	436	381/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:18
S10	98	381/301.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:23
S11	103	381/302.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:23
S12	27	381/305.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:25
S13	34	381/304.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:33
S14	39	381/308.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:27
S15	59	381/311.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:27
S16	247	381/333.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:34

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S17	149	381/334.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:46
S18	166	("2517181" "20020103650" "20040078203" "0299336" "3312475" "3405944" "3509288" "3767206" "3870318" "3889290" "3999446" "0321209" "0321210" "0332787" "4100581" "4102067" "4169970" "4222188" "4302752" "4500019" "4541805" "4607747" "4654728" "4715060" "4764962" "4791741" "4828105" "4839749" "4846348" "4862438" "4934079" "4974759" "4981243" "5063698" "5070755" "5114185" "5115472" "5166851" "5182872" "5241427" "5245171" "5249336" "5275285" "5277452" "5293273" "5293999" "5294229" "5313557" "5372258" "5387108" "5500987" "5577918" "5752335" "5794799" "5798686" "5815586" "5890121" "5896624" "5903869" "5917175" "5983182" "6021181" "6148173" "6167233" "6226840" "6259794" "6282154" "6289253" "6298990" "6325066" "6369698" "6418283" "6431513" "6473571" "6585154" "6690912" "6736644").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:38
S19	63	381/360.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:48
S20	762	381/386.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:48
S21	181	381/387.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:52
S22	264	381/388.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:52
S23	159	381/389.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:53
S24	64	381/391.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:55
S25	115	speaker same grill\$4 same (strap or lanyard or belt or carry\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:58
S26	139	(speaker or grill\$4) near5 (through or across) near5 (strap or lanyard or belt or carry\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:59
S27	274	(speaker or grill\$4) near5 (through or across) near5 (strap or lanyard or belt or carry\$4 or chain or spring or clip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 10:59
S28	401	(speaker or grill\$4) near5 (through or across) near5 (strap or lanyard or belt or carry\$4 or chain or spring or clip or pin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:00

EAST Search History

S29	127	S28 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:02
S30	45	("20020051552" "0333468" "4418248" "4454927" "4727583" "4907266" "5058154" "5155773" "5333206" "5610992" "5642402" "5790679" "5905805" "6002949" "6064894" "6144738" "6154666" "6239393" "6337908" "6668063" "6819946" "6876743").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:10
S31	0	("6668063").URPN.	USPAT	OR	ON	2007/07/18 11:11
S32	113	S9 and (strap or lan\$yard or attach\$4 or belt or strip or thread)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:18
S33	206	speaker near10 thread	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 11:19
S34	57	strap near3 (through or across) near3 port	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:12
S35	32	strap near3 (through or across) near3 out\$let	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:13
S36	1	strap near3 (through or across) near3 acoustic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:13
S37	7	strap near3 (through or across) near3 sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:14
S38	1	strap near3 (through or across) near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:14
S39	110	attach\$4 near2 grill\$ near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:18
S40	0	string\$4 near2 grill\$ near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:18
S41	243	string\$4 near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:28
S42	117	attach\$4 near3 hole\$4 near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:29
S43	1	clip\$4 near3 hole\$4 near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:29

EAST Search History

S44	514	clip\$4 near3 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:32
S45	3	(clip\$4 near3 port) same speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:32
S46	11	(handle near3 port) same speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:33
S47	701	handle near5 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:34
S48	28	handle near5 (through or across) near5 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 13:34
S49	9	lanyard near5 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:13
S50	53	lanyard same speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:14
S51	897	strap same speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:15
S52	72	strap same speaker same phone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:18
S53	195	strap near10 (speaker or port or out\$let) near10 opening	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:19
S54	3092	strap near10 (speaker or port or out\$let or attach\$4) near10 opening	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:27
S55	7	strap near10 attach\$4 near10 opening near10 (speaker or sound or voice or acoustic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:35
S56	30	strap near10 opening near10 (speaker or sound or voice or acoustic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:35
S57	223	strap near10 attach\$4 near10 (speaker or sound or voice or acoustic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/18 14:36

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	8	("4610254" "5333616" "5464428" "5683423" "5700281").PN. OR ("6064909").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 11:26
S4	12495	port near3 (speaker or sound or audio or acousti\$4 or noise or music)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:33
S5	1323	S4 same housing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:34
S6	868	S4 with housing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:34
S7	11	S6 same handle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:35
S8	25	albert.in. near2 baur.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 15:06
S12	9	attachment near3 integrat\$4 near3 (grill or speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:11
S13	6	bar near3 integrat\$4 near3 (grill or speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 15:37
S14	152	381/334.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:19
S18	1	("2001/0055406").URPN.	USPAT	OR	ON	2007/09/12 16:00
S20	248	381/333.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:20
S21	2	"5898363".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:20
S22	38	("3638011" "3818428" "3942176" "3969720" "4090185" "4241332" "4254405" "4283657" "4287509" "4288784" "4468656" "4499453" "4600914" "4631517" "4746912" "4821026" "4847589" "4904982" "4926159" "4959637" "4967177" "4980837" "5012221" "5028911" "5075671" "5121096" "5132659" "5216418" "5317305" "5648753").PN. OR ("5898363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 16:20
S23	20	("2172413" "3624635" "4241332" "4559517" "4904982").PN. OR ("5132659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 16:35
S24	1	"4913318".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 16:35

EAST Search History

S26	146	(strap or string or lanyard or chain or rope) near3 (hole or opening) near4 (speaker or transducer or audio or acoustic or sound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:24
S27	8	guitar with speaker with (sound adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:30
S28	18	guitar same speaker same (sound adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:31
S29	10	S28 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:30
S30	305	speaker with (sound adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:31
S31	293	S30 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:31
S32	1748346	(strap or string or lanyard or chain or rope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:14
S33	1441889	speaker or transducer or audio or acoustic\$6 or loud\$speaker or sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:16
S34	9209078	(hole opening aperture cavity gap orifice outlet passage peephole space or recess\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:06
S35	1730	S32 with S33 with S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:13
S36	822	S32 near8 S33 near8 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:15
S37	74	S35 and "381"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:30
S38	768	381/386.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:17
S39	265	381/388.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:19
S40	59	S32 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:20

EAST Search History

S41	23	S32 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:27
S42	148	(S38 or S39) and fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:30
S43	5416	carrying near2 S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:29
S44	454	S43 and "381"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:30
S45	77	(S38 or S39) and handle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:32
S46	575	S38 not (S40 S41 S42 S45)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:49
S47	399	S46 and @ad<="20031030"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:37
S48	176	S46 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:33
S49	880	(span\$4 or bridg\$4) near8 S33 near8 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:37
S50	4810	(span\$4 or bridg\$4 or across or cross\$4) near8 S33 near8 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:48
S51	165	S32 with S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:48
S52	880	(span\$4 or bridg\$4) near8 S33 near8 S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:48
S53	202	S39 not (S40 S41 S42 S45)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:49
S54	208	381/87.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:11
S55	98	381/301.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:13

EAST Search History

S56	229	381/395.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:16
S58	956	381/345.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:16
S60	854	S58 and @ad<="20031030"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:18
S61	102	S58 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:17
S62	3	lanyard near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:23
S63	3	lanyard near2 port	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:23
S65	683808	(strap or string or lanyard or chain or rope or handle or fastener or cord) near5 (attach\$6 or fastened or fastening or connect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:26
S66	1441889	speaker or transducer or audio or acoustic\$6 or loud\$speaker or sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:16
S67	5843	S65 with S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:16
S68	3398	S65 near5 S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:16
S69	340	(strap) near5 (attach\$6 or fastened or fastening or connect\$4) near5 S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:33
S70	5	("2002/0065115").URPN.	USPAT	OR	ON	2007/09/13 16:22
S71	8	("20020043545" "20020065115" "20020090099" "20050069147" "20060062413" "20060126881" "20060210092" "6707924").PN. OR ("7174196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:23
S72	2	bar near2 (cross\$4 or across) near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:29
S73	1168	(cross\$4 or across) near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:29

EAST Search History

S74	537	(across) near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:31
S75	1	(crossbar) near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:38
S76	43	(crossbar) near2 S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:37
S77	187	(bridg\$4) near2 speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/13 16:38
S78	478	(strap or string or lanyard or chain or rope or handle or fastener or cord) near5 grille	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:27
S79	32	S78 and (speaker or loud\$speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:27
S80	1441889	speaker or transducer or audio or acoustic\$6 or loud\$speaker or sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:33
S81	22	(lanyard) near5 (attach\$6 or fastened or fastening or connect\$4) near5 S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:48
S82	10	("D294065" "D329862" "D365164" "D473207" "D491911" "D491914" "D508906" "D509817" "D512403" "D512404").PN. OR ("D539781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 12:40
S84	397	d3/218.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 12:40
S85	6	("D435721" "D437995" "D477709" "D499545" "D505781" "D506057").PN. OR ("D521726").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/14 12:41
S86	267	(chain) near5 (attach\$6 or fastened or fastening or connect\$4) near5 S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:51
S87	55	(rope) near5 (attach\$6 or fastened or fastening or connect\$4) near5 S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/14 12:53
S88	573	(string) near5 (attach\$6 or fastened or fastening or connect\$4) near5 S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/15 11:00
S89	1	altilio.in. and loudspeaker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/15 11:02

EAST Search History

S90	2	"5887776".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/15 11:03
S91	2	"20040244566".pn. and (lyric or sing\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/15 14:12
S92	215	speaker near5 (sound adj hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/15 14:12
S93	16	guitar near2 (phone or telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/17 14:18
S94	60	guitar near8 (phone or telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/17 14:18
S95	44	S94 not S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/17 14:18